

Work Order ID 111419

111419

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Item ID: 646.9501 Accept *N19000040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: 206 Cable Cutters High
 Start Date: 1/20/14 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 1/20/14 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: ML5 Date: 14-01-16 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr	
646.9500	N/C	* SP

100	DOCUMENT CONTROL	0.00							
100									
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPP 646.9501								

DAS
6
9-89
14-1-28

110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

1x 14-1-28 DAS 26 9-89

120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

DAS
6
9-89
14-1-28

1x

Work Order ID 111419

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Item ID: 646.9501 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: 206 Cable Cutters High
 Start Date: 1/20/14 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 1/20/14 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo FG	0.00			DAS				
Packaging	Identify and pack for shipping as per PPP 646.9501				6				
	Location: 092				9-89				
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

14-1-28
MLJ 1401-28
MLJ 1401-28

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.08.28 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.9601 DAS Upper Cutter Assy 6 9-89		Manufactured	No			110	Each	5.0000	1	1			DAS 26 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST429		5							
				105804		5							
646.9602 DAS 6 9-89		Manufactured	No			110	Each	1.0000	1	1			DAS 26 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST429		1							
				109729		1							
646.9810 DAS 6 9-89		Manufactured	No			110	Each	5.0000	1	1			DAS 26 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST545		5							
				108293		5							
647.0210 DAS 6 9-89		Manufactured	No			110	Each	23.0000	1	1			DAS 26 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST421		23							
				91440		23							
647.0110 DAS 6 9-89		Manufactured	No			110	Each	11.0000	1	1			DAS 26 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST420		11							
				89703		9							
				m126249		2							

45

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

647.0310 Channel	Manufactured	No		110	Each	38.0000	2	2	DAS 26 9-89
DAS 6 9-89			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST422	38					DAS 26 9-89
			109494	4					
			90799	30					
			m126249	4					
646.9910 Struts	Manufactured	No		110	Each	206.0000	4	4	DAS 26 9-89
DAS 6 9-89			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST420	51					
			104216	1					
			106009	5					
			106667	24					
			108738	7					
			109407	12					
			91269	2					
			ST420A	155					
			93189	155					
647.0112 Strut Bracket	Manufactured	No		110	Each	153.0000	8	8	DAS 26 9-89
DAS 5 9-89			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			st535	153					DAS 26 9-89
			89701	48					
			91264	102					
			92480	3					
647.0113 Strut Doubler	Manufactured	No		110	Each	23.0000	2	2	DAS 26 9-89
DAS 6 9-89			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST421	23					DAS 26 9-89
			89700	23					

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

DAS
26
9-89

647.0111
Panel
Manufactured No

110 Each 8.0000

1 1

DAS
7
9-89

Location

Loc Qty

Loc Code

ST421

8

89763

8

647.0116
Doubler
DAS
6
9-89
Manufactured No

110 Each 52.0000

2 2

DAS
26
9-89

Location

Loc Qty

Loc Code

ST536

52

89699

10

m126249

42

647.0410
Tube
DAS
6
9-89
Manufactured No

110 Each 1.0000

1 1

DAS
26
9-89

Location

Loc Qty

Loc Code

ST536

1

m126249

1

647.0114
Clip
Manufactured No

110 Each 104.0000

1 1

DAS
26
9-89

Location

Loc Qty

Loc Code

st535

104

106616

100

89759

4

647.0115
Clip
Manufactured No

110 Each 99.0000

1 1

DAS
26
9-89

Location

Loc Qty

Loc Code

st535

99

105391

3

106617

96

DAS
6
9-89

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN832P
Washer

Purchased No

110 Each 11,765.000 111 111

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

ST295 1765
123522 400
123900 1365
st510 10000
125268 10000

111

DAS
31
9-89

NAS1149F0332P
Washer

Purchased No

110 Each 7,472.0000 62 62

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

GA 205
122063 205
ST295 12
123900 12
ST510a 7255
125646 4755
m127831 2500

62

DAS
31
9-89

DAS
26
9-89

AN311A
Bolt

Purchased No

110 Each 653.0000 8 8

DAS
6
9-89

Location

Loc Qty

Loc Code

ST511 500
m125709 500
ST512 153
123352 153

8X

DAS
31
9-89

DAS
26
9-89

MS21042L3
Nut

MS21042L3

Purchased No

110 Each 296.0000 17 17

14-1-24

DAS
6
9-89

Location

Loc Qty

Loc Code

ST313 296
123352 296

17x

DAS
31
9-89

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

CCR264SS-3-06

Rivet DAS
6
9-89

Purchased No

110 Each 86.0000

8 8

DAS
26
9-89

Location

ST327

Loc Qty

86

Loc Code

DAS

9-89

DAS
26
9-89

m126320

86

MS21059L08

NUTS
6
9-89

Purchased No

110 Each 1,170.0000

Location

ST508

Loc Qty

1170

Loc Code

DAS

9-89

DAS
26
9-89

125654

1170

GR3213-4-05

RIVET

Purchased No

110 Each 300.0000

Location

ST328

Loc Qty

200

Loc Code

DAS

9-89

DAS

9-89

m127376

200

ST553

100

DAS

26
9-89

m127255

100

CR3213-4-6

Rivet

Purchased No

110 Each 400.0000

Location

ST328

Loc Qty

400

Loc Code

DAS

9-89

123301

367

m126320

33

GR3213-4-4

Rivet

Purchased No

110 Each 800.0000

Location

ST328

Loc Qty

500

Loc Code

DAS

9-89

126282

500

st552

300

123301

300

DAS
6
9-89

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

DAS

Start Qty: 1.00

Required Qty: 1.00

26

9-89

CR3213-4-2
Cherry Rivet

Purchased No

110 Each 500.0000 18 18

DAS
6
9-89

Location

Loc Qty

Loc Code

st552 500
m126320 500

DAS
9-89

DAS
26
9-89

CR3213-4-3
Cherry Rivet

Purchased No

110 Each 1,070.0000 18 18

Location

Loc Qty

Loc Code

st552 1000
123301 1000
ST554 70
m126320 70

DAS
9-89

DAS
26
9-89

MS21047-3
Nut Plate

Purchased No

110 Each 467.0000 6 6

DAS
6
9-89

Location

Loc Qty

Loc Code

ST315 1
123301 1
st507 466
125654 466

DAS
9-89

MS21042-08
USE MS21042L08

Purchased No

110 Each 249.0000 54 54

Location

Loc Qty

Loc Code

ST313 249
123352 100
123525 149

DAS
9-89

DAS
26
9-89

DAS
6
9-89

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-13

Screw

Purchased

No

110

Each

657.0000

6

6

DAS
26
9-89

Location

Loc Qty

Loc Code

Mezz

92

4067

92

ST307

219

123352

219

ST506

346

124326

346

DAS
31
9-89

MS21059-3

Nut Plate

Purchased

No

110

Each

660.0000

2

2

DAS
26
9-89

Location

Loc Qty

Loc Code

ST316

660

123023

50

123301

110

123900

500

DAS
31
9-89

AN743-13

Bracket

Purchased

No

110

Each

45.0000

1

1

DAS
26
9-89

Location

Loc Qty

Loc Code

ST347

45

M126010

12

M126119

12

M126249

21

DAS
31
9-89

AN3-3A

Bolt

Purchased

No

110

Each

504.0000

1

1

DAS
26
9-89

Location

Loc Qty

Loc Code

st350

250

m126249

54

m127044

200

m127815

250

DAS
31
9-89

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

CCR264SS3-04

Rivet

Purchased No

110 Each 613.0000 12 12

DAS

26

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

ST327

613

123352

200

123785

400

17997

13

CR3212-5-4

Cherry Rivet

Purchased No

110 Each 242.0000 8 8

DAS

26

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

ST328

242

120410

103

123301

139

CCR264SS3-2

Rivet, Cherry

Purchased No

110 Each 400.0000 4 4

DAS

26

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

ST327

400

126363

200

m127580

200

NAS1835-08

Insert

Purchased No

110 Each 62.0000 4 4

DAS

26

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

ST298

62

123055

2

123521

35

m126400

25

CR3213-4-1

Cherry Rivet

Purchased No

110 Each 487.0000 14 14

DAS

26

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

ST328

487

123301

90

m126249

297

m126254

100

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-08

Screw

Purchased No

110 Each 1,068.0000

5 5

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

GA 51
m125654 51
st507 1017
m126319 17
m127255 500
m127813 500

5x

DAS
31
9-89

647.1210

Screen DAS
6
9-89

Manufactured No

110 Each 11.0000

1 1

DAS
26
9-89

Location

Loc Qty

Loc Code

ST536 11
91438 4
m126249 7

1x

DAS
31
9-89

MS35842-11

Hose Clamp DAS
6
9-89

Purchased No

110 Each 4.0000

1 1

DAS
26
9-89

Location

Loc Qty

Loc Code

ST290 4
123525 4

1x

DAS
31
9-89

MS27039-08-11

SCREW

Purchased No

110 Each 599.0000

43 43

14-1-24

DAS
26
9-89

Location

Loc Qty

Loc Code

ST307 339
123352 339
ST506 260
122441 100
123900 160

43

DAS
31
9-89

DAS
6
9-89

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-06

Purchased

No

110

Each

262.0000

4

4

DAS

26

9-89

Screw

DAS

6

9-89

Location

Loc Qty

Loc Code

ST307

262

117065

38

125646

100

m126249

124

4x

DAS

31

9-89

MS27039-08-09

Purchased

No

110

Each

149.0000

4

4

DAS

26

9-89

Screw

DAS

6

9-89

Location

Loc Qty

Loc Code

Mezz

51

11187

51

ST307

98

m127904

98

4x

DAS

31

9-89

MS27039-08-12

Purchased

No

110

Each

264.0000

2

2

DAS

26

9-89

Screw

DAS

6

9-89

Location

Loc Qty

Loc Code

Mezz

7

1850

7

ST307

92

123352

31

123900

61

ST506

165

123352

65

124326

100

2x

DAS

31

9-89

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

MS27039-111

Purchased

No

110

Each

764.0000

5

5

DAS
26
9-89

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

33

9662

33

ST305

431

123352

99

125654

332

ST506

300

124326

300

DAS
31
9-89

CR3212-4-4

DAS
6
9-89

CHERRY RIVET

Purchased

No

110

Each

0.0000

1

1

m123268

DAS
26
9-89

MS24694-S8

Screw

Purchased

No

110

Each

112.0000

5

5

DAS
26
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

ST302

112

123348

12

123352

100

DAS
31
9-89

AN3-10A

Bolt

Purchased

No

110

Each

297.0000

8

8

14-1-24

DAS
26
9-89

Location

Loc Qty

Loc Code

ST351

147

m125709

147

ST511

150

m127817

150

DAS
31
9-89

DAS
6
9-89

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Work Order ID: 111419

Parent Item: 646.9501

Parent Item Name: 206 Cable Cutters High

Start Date: 1/20/14

Required Date: 1/20/14

Start Qty: 1.00

Required Qty: 1.00

600.0990 Purchased No 110 Each 32.0000 1 1 DAS 26 9-89

MAGNABOND 6398 PART A

DAS
6
9-89

Location	Loc Qty	Loc Code
CA	2	
m127832	2	
ST520	10	
m126233	10	
ST540	20	
m127123	20	

1/x

DAS
31
9-89

600.0991 Purchased No 110 Each 32.0000 1 1 DAS 26 9-89

MAGNOBOND 6398 PART B

DAS
6
9-89

Location	Loc Qty	Loc Code
CA	2	
m127832	2	
ST520	10	
m126233	10	
ST540	20	
m127123	20	

1/x

DAS
31
9-89

600.1012 Purchased No 110 Each 70.0000 1 1 14-1-22 DAS 26 9-89

Sealant PR1425B2 (#654 semkit)

DAS
6
9-89

Location	Loc Qty	Loc Code
ST364	70	
m127099	70	

1/x

DAS
31
9-89

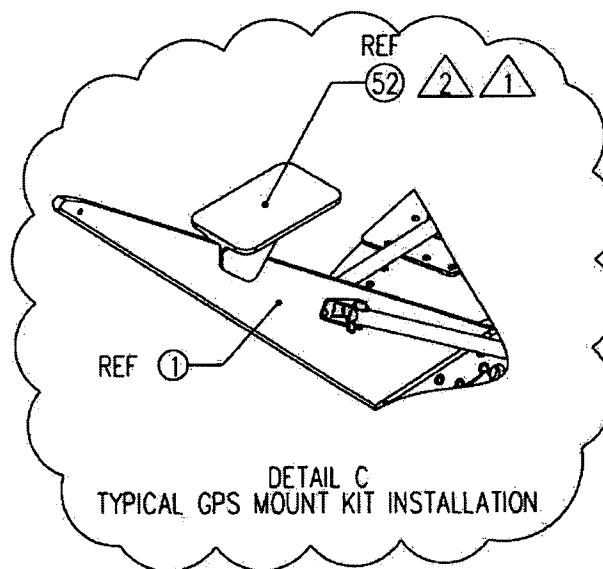
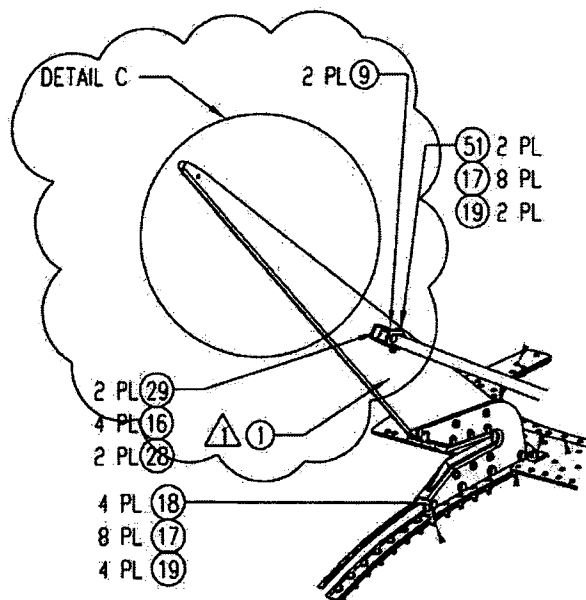
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03047				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: NC	PREPARED BY J. JACKSON	DATE: 01/24/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	DC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED GPS MOUNT KIT, F/N 52. REVISED DRAWING VIEWS. ADDED NOTE <u>2</u> .				

SHEET 1, ZONE B1 IS:

2 AT CUSTOMERS OPTION, INSTALL F/N 52 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A3 IS:

SHEET 2, ZONE B2 IS:



111419 MLC
14-01-16

52	A	647.5701	REF	REF	GPS MOUNT KIT	<u>2</u>	
F/N	TC	PART NUMBER	9502	9501	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY				
DOCUMENTS EFFECTED:					<input type="checkbox"/> MDL. <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

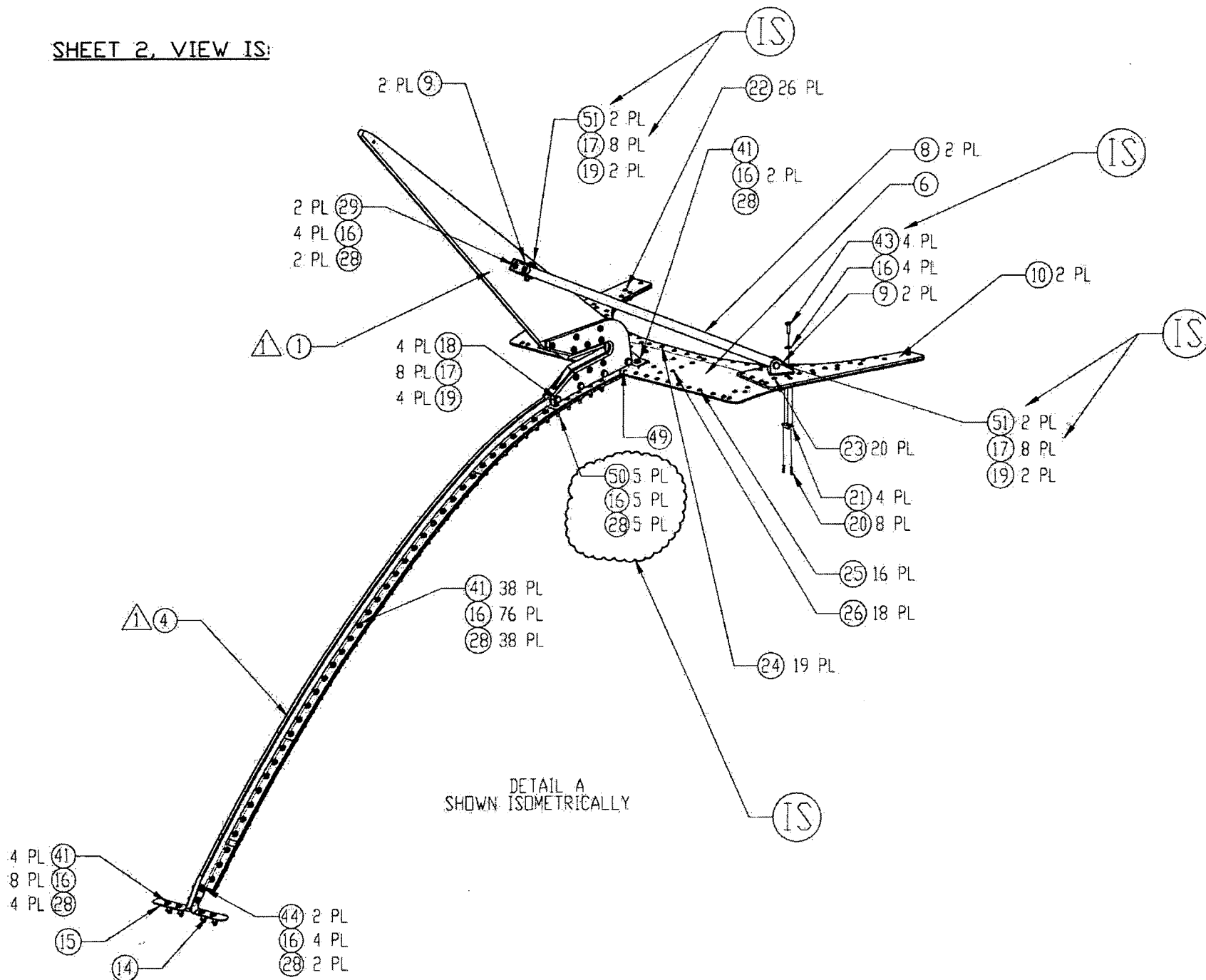
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 01/06/10	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
APPROVED BY:		ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: CORRECTED PARTS LIST ERRORS				

17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	601.2764	111	111	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM						CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR
						DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

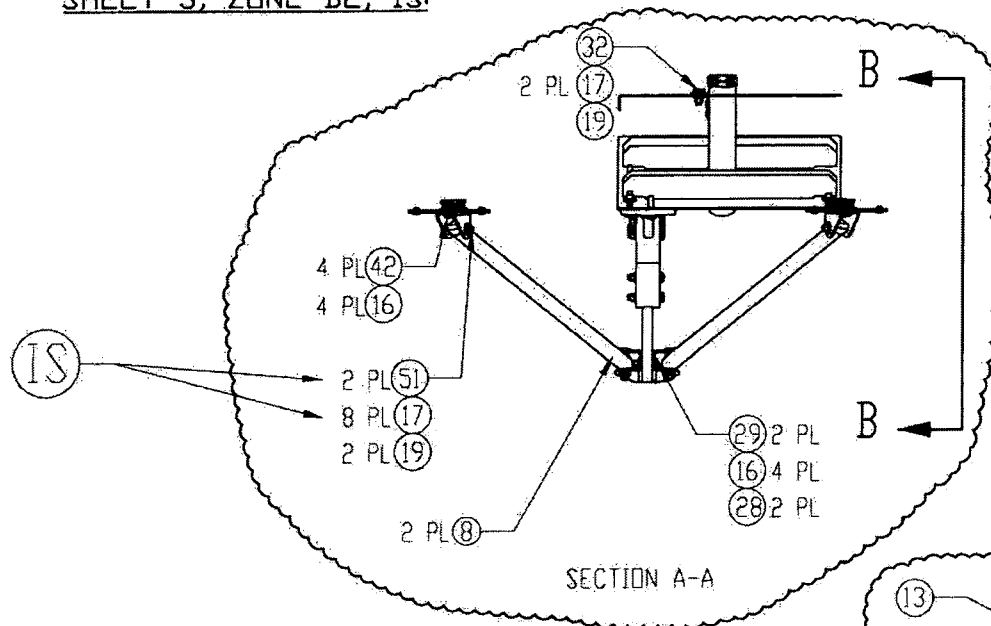
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500		REV: N/C	PREPARED BY S. HUFF	DATE: 12/23/09	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: HARDWARE REVISIONS FROM FIRST INSTALL				

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM						CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR
						DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

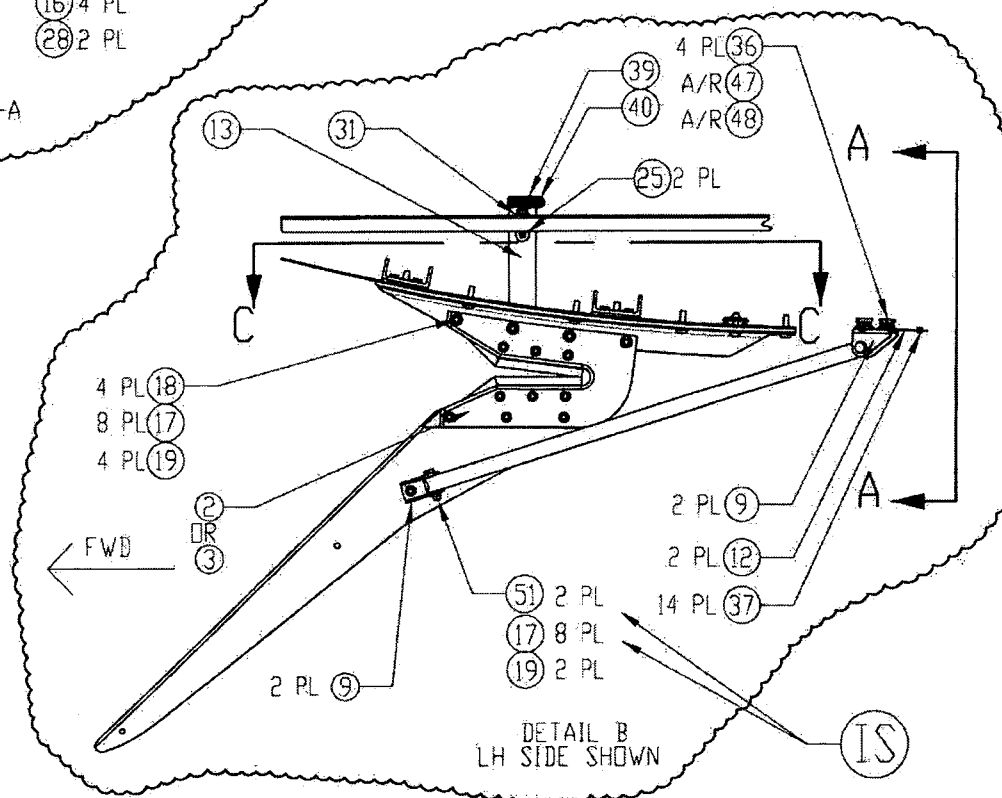
SHEET 2, VIEW IS:



SHEET 3, ZONE B2, IS:



SHEET 3, ZONE D2, IS:



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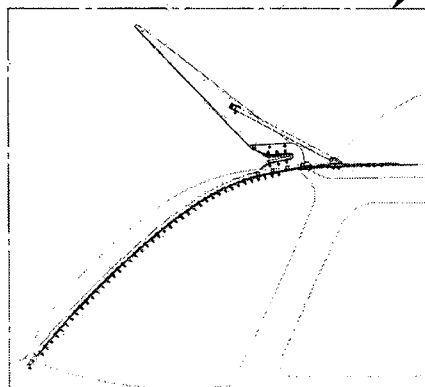
UNINCORPORATED ECN(S)

02729, 02736, 03047

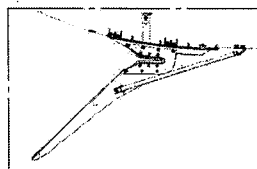
NOTES:

1 AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES

DETAIL A



DETAIL B



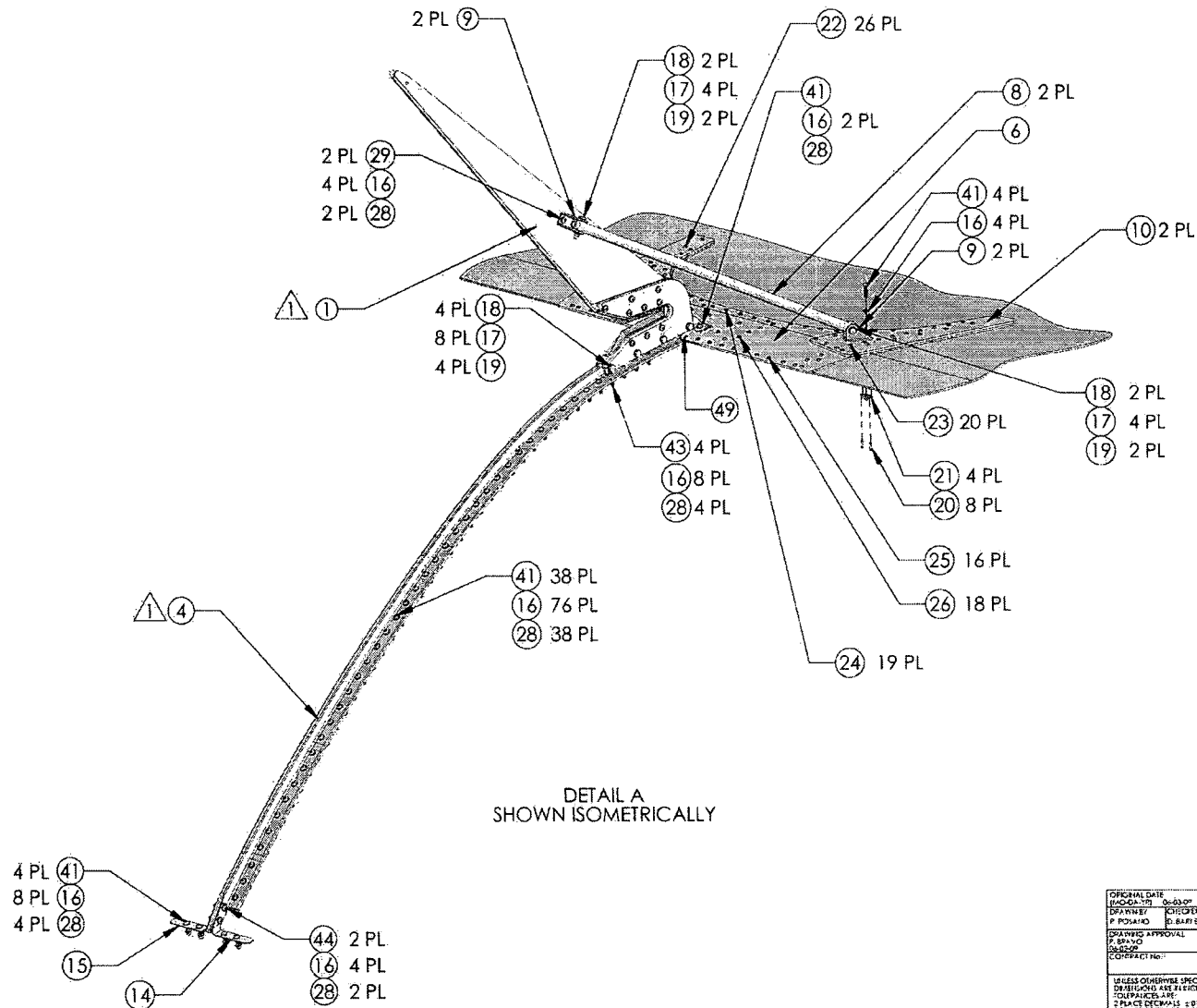
QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
1	1	49	601.1066 RIVET	CR3212-4-4	
1	1	48	600.0991 MAGNABOND 6398 PART B		
1	1	47	600.0990 MAGNABOND 6398 PART A		
1	1	46	600.1012 SEALANT	PP-1425 CLASS B	
5	5	45	601.1949 SCREW	MS27039-1-11	
2	2	44	601.2989 SCREW	MS27039-0812	
4	4	43	601.2987 SCREW	MS27039-0009	
4	4	42	601.3000 SCREW	MS27039-0806	

REV.	DESCRIPTION	DATE	APPROVED
1	DATE PROTOTYPE PREPARED		THC
1	FINAL RELEASE	06/03/09	P. DRAVO

47	47	41	601.2893	SCREW	MS27039-0811	
1	1	40	601.2982	HOSE CLAMP	MS35542-11	
1	1	39	647.1210	SCREEN		
5	5	38	601.1621	SCREW	MS27039-1-08	
14	14	37	601.2979	RIVET	CR3213-4-1	
4	4	36	601.2984	INSERT	MS1835-06	
4	4	35	601.2277	RIVET	CR3214-5-007	
8	8	34	601.2983	RIVET	CR3212-4-4	
12	12	33	601.2980	NUTPLATE RIVET	CCP2445-3-04	
1	1	32	601.2822	BOLT	ANS-3A	
1	1	31	601.2985	BRACKET	AHT43-13	
2	2	30	601.1900	NUTPLATE	MS21059-3	
6	6	29	601.2988	SCREW	MS27039-0815	
53	53	28	601.2973	LOCKNUT	MS21042-08	
6	6	27	600.0795	NUTPLATE	MS21047-3	
18	18	26	601.0790	RIVET	CR3213-4-3	
18	18	25	601.1039	RIVET	CR3213-4-2	
19	19	24	601.1915	RIVET	CR3213-4-1	
20	20	23	601.2991	RIVET	CR3213-4-6	
26	26	22	601.1183	RIVET	CR3213-4-5	
4	4	21	601.2356	NUTPLATE	MS21059-08	
8	8	20	601.2981	NUTPLATE RIVET	CCP2445-3-04	
17	17	19	601.2943	LOCKNUT	MS21042-3	
16	16	18	601.2826	BOLT	AT-3-11A	
46	46	17	601.1607	WASHER	MS11499-032P	
114	114	16	601.2764	WASHER	MS11499-032P	
1	1	15	647.0115	CLIP		
1	1	14	647.0114	CLIP		
1	1	13	647.0410	TUBE		
2	2	12	647.0116	DOUBLER		
1	1	11	647.0111	PANEL		
2	2	10	647.0113	STRUT DOUBLER		
8	8	9	647.0112	STRUT BRACKET		
4	4	8	646.9910	STRUT		
2	2	7	647.0310	CHANNEL		
1	1	6	647.0110	ROOF DOUBLER		
1	1	5	647.0210	RAIL		
1	1	4	646.9810	DEFLECTOR		
1	1	3	646.9603	LOWER CUTTER ASSY LOW		
1	1	2	646.9602	LOWER CUTTER ASSY HIGH		
1	1	1	646.9601	UPPER CUTTER ASSY		
			646.9502	206 CABLE CUTTERS KIT LOW		
			646.9501	206 CABLE CUTTERS KIT HIGH		

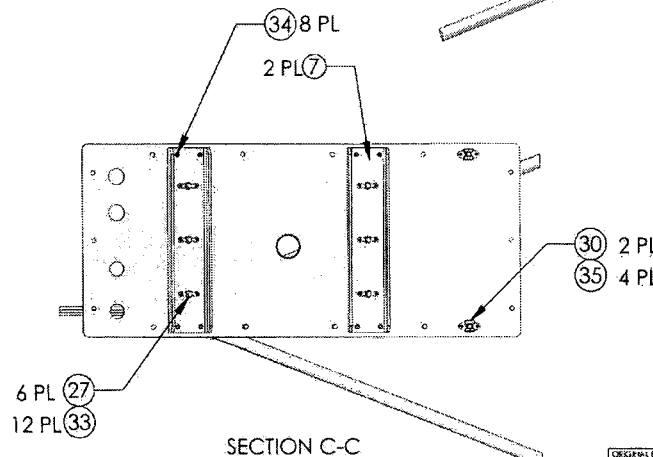
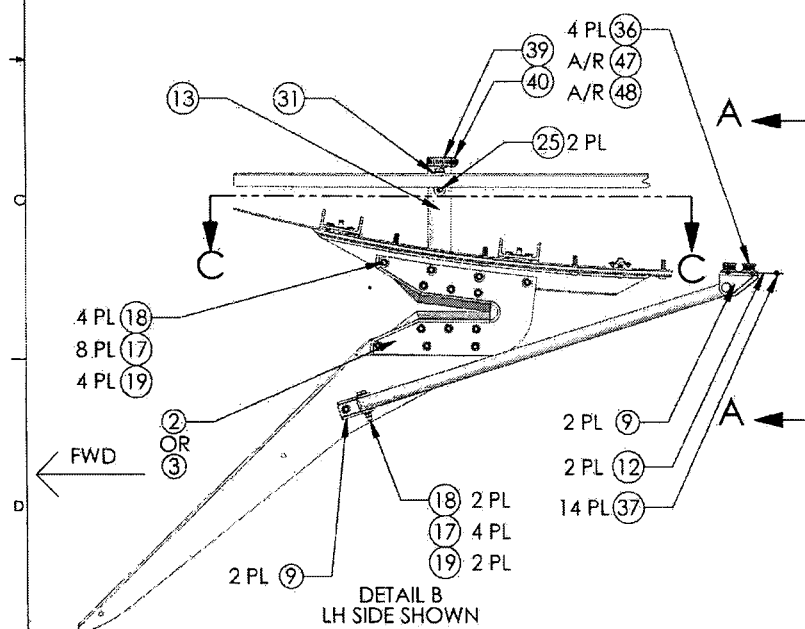
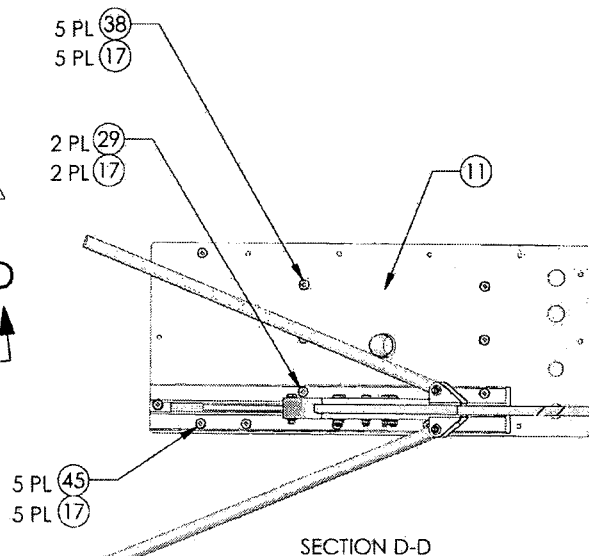
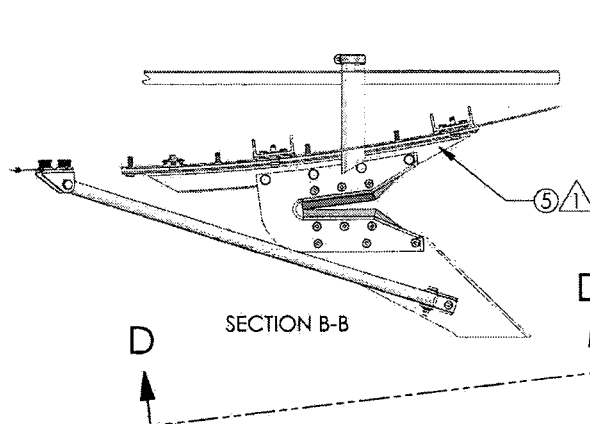
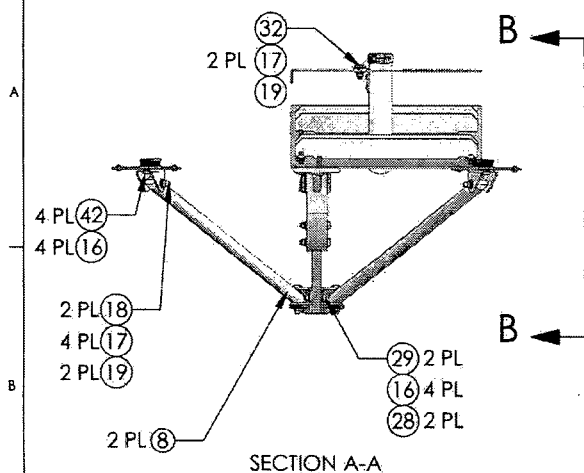
QTY		PARTS LIST	
NEXT ASSY (S)		ORIGINAL DATE 2008-04-17 08:00 AM DRAWN BY: P. DRAVO CHECKED BY: D. BART DATE: 06/03/09 APPROVAL: [Signature] CIRCUIT BOARD NO.	
APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300		206 CABLE CUTTERS KIT	
REV. B	CAGE CODE 07M26	DWG. NO. 646.9500	REV. N/C
SCALE NONE		SHEET 1 OF 3	

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ORIGINAL DATE 06-01-77		APICAL INDUSTRIES	
DRAWN BY P. POSARNO		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
CHECKED BY D. BARTER		206 CABLE CUTTERS KIT	
DRAWING APPROVAL P. POSARNO		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE ALL IN INCHES DIMENSIONS ARE FRACTIONS DECIMALS ± .01 SPRINGS DECIMALS ± .005 ANGLES ± .5°	
CONTRACT NO.		SHEET B	REV N/C
		SCALE: NONE	646.9500
		SHEET 2 OF 3	

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APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED



DETAIL B
LH SIDE SHOWN

ORIGINAL DATE REV. DATE DRAWN BY P. ROSANO CHECKED BY D. BARBER DRAWING APPROVAL BY DATE CONTRACT NO.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ±.01 FRACTIONS DECIMALS ±.005 ANGLES ±.5°		SER. (CAGE CODE) B 07M26	DWG. NO. 646.9500
		SCALE NONE	TRY N/C SHEET 3 OF 3

REFERENCE ONLY

14-1-27

UNINCORPORATED ECN(s)

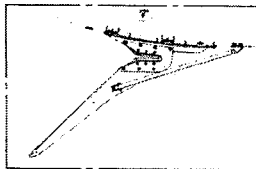
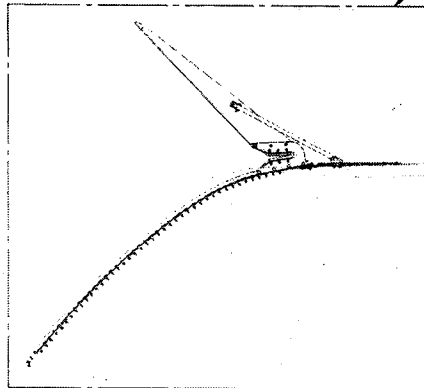
02729, 02736, 03047

NOTES:

△ AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES

DAS
6
9-89

DETAIL A



DETAIL B

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	49	601.1066	RIVET		
1	48	600.0991	ALIGNOROND ASSR PART B		
1	47	600.0990	ALIGNOROND ASSR PART A		
1	46	600.1012	SEALANT		
5	45	601.1049	SCREW		
2	44	601.2989	SCREW		
4	43	601.2987	SCREW		
4	42	601.3000	SCREW		

REV.	DESCRIPTION	DATE	APPROVED
1	LAST PROTOTYPE REVISION: PM2		
1	INITIAL RELEASE		

REV.	DESCRIPTION	DATE	APPROVED
47	47	601.2893	SCREW
1	40	601.2982	HOSE CLAMP
1	39	601.2770	SCREEN
5	38	601.1621	SCREW
14	37	601.2979	RIVET
4	36	601.2984	INSERT
4	35	601.2277	RIVET
8	34	601.2983	RIVET
12	33	601.2980	NUTPLATE RIVET
1	32	601.2822	BOLT
1	31	601.2985	BRACKET
2	30	601.1900	NUTPLATE
6	29	601.2988	SCREW
53	28	601.2973	LOCKNUT
6	27	600.0795	NUTPLATE
18	26	601.0790	RIVET
18	25	601.1039	RIVET
19	24	601.1915	RIVET
20	23	601.2991	RIVET
26	22	601.1183	RIVET
4	21	601.2356	NUTPLATE
8	20	601.2981	NUTPLATE RIVET
17	19	601.2943	LOCKNUT
16	18	601.2826	BOLT
46	17	601.1607	WASHER
114	16	601.2764	WASHER
1	15	647.0115	CLIP
1	14	647.0114	CLIP
1	13	647.0410	TUBE
2	12	647.0116	DOUBLER
1	11	647.0111	PANEL
2	10	647.0113	STRUT DOUBLER
8	9	647.0112	STRUT BRACKET
4	8	647.0310	STRUT
2	7	647.0318	CHANNEL
1	6	647.0110	ROOF DOUBLER
1	5	647.0210	RAIL
1	4	647.0980	DEFLECTOR
1	3	646.9603	LOWER CUTTER ASSY LOW
1	2	646.9602	LOWER CUTTER ASSY HIGH
1	1	646.9601	UPPER CUTTER ASSY
1		646.9502	206 CABLE CUTTERS KIT LOW
1		646.9501	206 CABLE CUTTERS KIT HIGH

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	49	601.1066	RIVET		
1	48	600.0991	ALIGNOROND ASSR PART B		
1	47	600.0990	ALIGNOROND ASSR PART A		
1	46	600.1012	SEALANT		
5	45	601.1049	SCREW		
2	44	601.2989	SCREW		
4	43	601.2987	SCREW		
4	42	601.3000	SCREW		

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

206 CABLE CUTTERS KIT

SCALE NONE SHEET 1 OF 3

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
	DWG NO. 646.9500		REV: N/C	PREPARED BY S. HUFF	DATE: 01/06/10	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF:	CURRENT ORDER
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: CORRECTED PARTS LIST ERRORS					

17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	601.2764	111	111	WASHER	NAS1149F0832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR
<input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM						DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500		REV: N/C	PREPARED BY S. HUFF	DATE: 12/23/09	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: HARDWARE REVISIONS FROM FIRST INSTALL				

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION

DOCUMENTS EFFECTED:	<input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM	CHANGE CATEGORY	DER REVIEW REQUIRED
		<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Work Order ID 111419

111419

Page 1

January-15-14 1:05:50 PM

Item ID: 646.9501 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: 206 Cable Cutters High
 Start Date: 1/20/14 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 1/20/14 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: MLJ Date: 14-01-16 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.9500	N/C	* SP							
100		0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPP 646.9501								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MLJ 14-01-22

1X 14-1-22 DAS
26
9-89